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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 3 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 4 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents  
NEWS 5 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records  
NEWS 6 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 7 AUG 27 USPATOLD now available on STN  
NEWS 8 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
NEWS 9 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 10 SEP 13 FORIS renamed to SOFIS  
NEWS 11 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
NEWS 12 SEP 17 CA/CAplus enhanced with printed CA page images from 1967-1998  
NEWS 13 SEP 17 CAplus coverage extended to include traditional medicine patents  
NEWS 14 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
NEWS 15 OCT 02 CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt  
NEWS 16 OCT 19 BEILSTEIN updated with new compounds  
NEWS 17 NOV 15 Derwent Indian patent publication number format enhanced  
NEWS 18 NOV 19 WPIX enhanced with XML display format  
NEWS 19 NOV 30 ICSD reloaded with enhancements  
NEWS 20 DEC 04 LINPADOCDB now available on STN  
NEWS 21 DEC 14 BEILSTEIN pricing structure to change  
NEWS 22 DEC 17 USPATOLD added to additional database clusters  
NEWS 23 DEC 17 IMSDRUGCONF removed from database clusters and STN  
NEWS 24 DEC 17 DGENE now includes more than 10 million sequences  
NEWS 25 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment  
NEWS 26 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary  
NEWS 27 DEC 17 CA/CAplus enhanced with new custom IPC display formats  
NEWS 28 DEC 17 STN Viewer enhanced with full-text patent content from USPATOLD  
NEWS 29 JAN 02 STN pricing information for 2008 now available  
NEWS 30 JAN 16 CAS patent coverage enhanced to include exemplified prophetic substances  
NEWS 31 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats  
NEWS 32 JAN 28 MARPAT searching enhanced  
NEWS 33 JAN 28 USGENE now provides USPTO sequence data within 3 days

of publication

NEWS 34 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment  
NEWS 35 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements

NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'REGISTRY' ENTERED AT 06:54:57 ON 04 FEB 2008  
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3  
DICTIONARY FILE UPDATES: 3 FEB 2008 HIGHEST RN 1001389-12-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

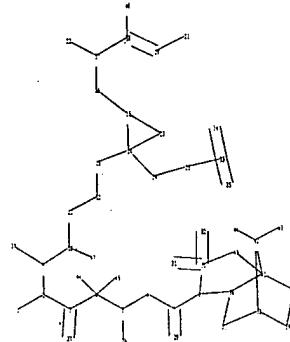
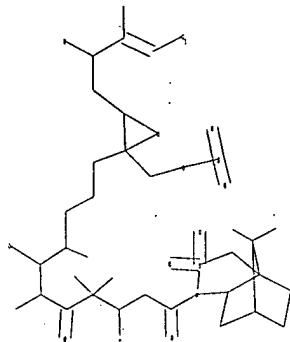
TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10526283\Struc 2.str



chain nodes :

1	2	3	4	5	6	7	9	10	11	12	13	16	17	18	19	21	22	24	25	26	27	28
29	31	32	33	34	35	43	44	45	46	47	48											

ring nodes :

8	14	15	23	30	36	37	38	39	40	41	42	49										
---	----	----	----	----	----	----	----	----	----	----	----	----	--	--	--	--	--	--	--	--	--	--

chain bonds :

1-2	2-3	2-9	3-4	3-27	4-5	4-45	4-46	5-6	5-26	6-7	7-8	7-28	9-10	9-29								
10-11	10-47	11-12	12-13	13-14	14-24	15-16	16-17	17-18	17-22	18-19	18-48											
19-21	24-25	25-33	30-31	30-32	33-34	33-35	42-43	42-44														

ring bonds :

8-30	8-36	14-15	14-23	15-23	30-49	36-37	36-41	37-38	38-39	38-42	39-40											
40-41	41-42	41-49																				

exact/norm bonds :

3-27	5-26	7-8	7-28	8-30	8-36	9-29	14-15	14-23	15-23	17-22	19-21	24-25										
25-33	30-31	30-32	30-49	33-34	33-35	36-37	36-41	37-38	38-39	38-42	39-40											
40-41	41-42	41-49																				

exact bonds :

1-2	2-3	2-9	3-4	4-5	4-45	4-46	5-6	6-7	9-10	10-11	10-47	11-12	12-13									
13-14	14-24	15-16	16-17	17-18	18-19	18-48	42-43	42-44														

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G1:Cb,Cy,Hy

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:Atom 9:CLASS  
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:Atom 15:Atom 16:CLASS 17:CLASS  
18:CLASS 19:CLASS 21:CLASS 22:CLASS 23:Atom 24:CLASS 25:CLASS 26:CLASS  
27:CLASS 28:CLASS 29:CLASS 30:Atom 31:CLASS 32:CLASS 33:CLASS 34:CLASS  
35:CLASS 36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:CLASS  
44:CLASS 45:CLASS 46:CLASS 47:CLASS 48:CLASS 49:Atom

L1 STRUCTURE UPLOADED

=> d  
L1 HAS NO ANSWERS  
L1 STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> l1  
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SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 0 TO 0  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> l1 full  
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FULL SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 2 ANSWERS  
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> file caplus  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 178.36 178.57

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=> 13  
L4 1 L3  
  
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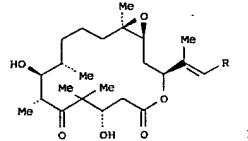
10526283.trn

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACESSION NUMBER: 2004-252619 CAPLUS  
 DOCUMENT NUMBER: 140:253380  
 TITLE: A new process for the preparation of epothilone derivatives, new epothilone derivatives as well as  
 new intermediate products for the process and the methods of preparing same  
 INVENTOR(S): Koch, Guido; Loiseleur, Olivier  
 PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis Pharma GmbH  
 SOURCE: PCT Int. Appl., 60 pp.  
 CODEN: PIIXDZ  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004024735	A2	20040325	WO 2003-EPI10171	20030912
WO 2004024735	A3	20040722		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SE, SG, SK, SY, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2497119	A1	20040325	CA 2003-2497119	20030912
AU 2003267349	A1	20040430	AU 2003-267349	20030912
EP 1539768	A2	20050615	EP 2003-748015	20030912
EP 1539768	B1	20070919		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003014263	A	20050705	BR 2003-14263	20030912
CN 1681824	A	20051012	CN 2003-821583	20030912
JP 2006511469	T	20060406	JP 2004-535499	20030912
AT 373663	T	20071015	AT 2003-748015	20030912
IN 2005CN00364	A	20070330	IN 2005-CN064	20050310
MX 2005PA02785	A	20050603	MX 2005-PA2785	20050311
NO 2005001794	A	20050412	NO 2005-1794	20050412
US 2006106073	A1	20060518	US 2005-526283	20050901
PRIORITY APPLN. INFO.:				
			WO 2003-EPI10171	W 20030912

OTHER SOURCE(S): MARPAT 140:253380  
 GI

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



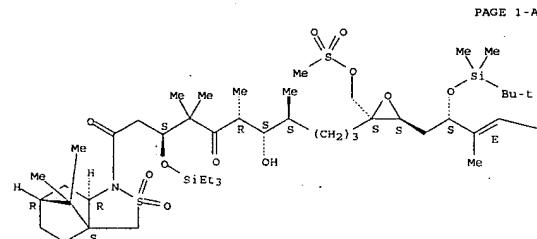
AB The present invention provides a synthesis for the preparation of epothilone derivs. of formula I ( $R = (\text{un})\text{substituted aryl}$ ,  $(\text{un})\text{substituted heteroaryl}$  or  $(\text{un})\text{substituted heterocyclic radical fused to a benzene nucleus}$ , salts thereof, and intermediates for the synthesis of a compound of formula I.

IT 671207-38-8 CAPLUS

RN: 671207-38-8 CAPLUS  
 CN: 3H-3a,6-Methano-2,1-benzisothiazole, 1-[(3S,6R,7S,8S)-11-[(2S,3S)-3-((2S,3E)-2-[(1,1-dimethylethyl)dimethylsilyloxy]-3-methyl-4-(2-methyl-4-thiazoyl)-3-butenyl)-2-[(methylsulfonyloxy)methyl]oxiranyl]-7-hydroxy-4,4,6,8-tetramethyl-1,5-dioxo-3-[(triethylsilyl)oxy]undecyl]hexahydro-8,8-dimethyl-, 2,2-dioxide, (3aS,6R,7aR)-(9CI) (CA INDEX NAME)

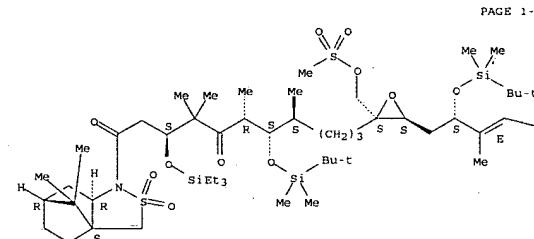
Absolute stereochemistry.  
 Double bond geometry as shown.

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

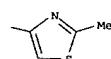
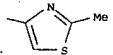


PAGE 1-B

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



PAGE 1-B



RN: 671207-39-9 CAPLUS  
 CN: 3H-3a,6-Methano-2,1-benzisothiazole, 1-[(3S,6R,7S,8S)-7-[(1,1-dimethylethyl)dimethylsilyloxy]-11-[(2S,3S)-3-[(2S,3E)-2-[(1,1-dimethylethyl)dimethylsilyloxy]-3-methyl-4-(2-methyl-4-thiazoyl)-3-butene-1-[(methylsulfonyloxy)methyl]oxiranyl]-4,4,6,8-tetramethyl-1,5-dioxo-3-[(triethylsilyl)oxy]undecyl]hexahydro-8,8-dimethyl-, 2,2-dioxide, (3aS,6R,7aR)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.  
 Double bond geometry as shown.

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=> log Y		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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FULL ESTIMATED COST	5.93	184.50
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

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